Contents

Atakishiev, N.M., Filippov, A.T.: Calculation of Superpropagators in Non-linear Quantum Field Theories 74

Bracci, L., Strocchi, F.: Einstein's Equations and Locality 289

Edwards, C.M.: The Theory of Pure Operations 260

Filippov, A.T., s. Atakishiev, N.M. 74

Flume, R.: Superpropagators of Non-Localizable Fields 303

Hertel, P., Thirring, W.: Free Energy of Gravitating Fermions 22

Kanellopoulos, E.J., Kanellopoulos, Th.V., Wildermuth, K.: Solution of the Second Order Linear Differential Equation 225

— — — Exact Solution of the Schrödinger Equation with a Central Potential 233

Kanellopoulos, Th.V., s. Kanellopoulos, E.J., et al. 225

— s. — et al. 233

Kraus, K., Landau, L.J.: Conserved Currents and Symmetry Transformations in Local Scattering Theory 243

Landau, L.J., s. Kraus, K. 243

Lanford, O.E., III, Robinson, D.W.: Approach to Equilibrium of Free Quantum Systems 193

Lima, R.: Equivalence of Ensembles in Quantum Lattice Systems: States . . 180

Lowenstein, J.H.: Differential Vertex Operations in Lagrangian Field Theory . 1

Macfarlane, A.J., Tait, W.: Tensor Formulation of Spin-1 and Spin-2 Fields . . 211

Maison, D., Reeh, H.: Non-Existence of Goldstone Bosons with Non-Zero Helicity 67

Manoukian, E.B., s. Prugovečki, E. 133

Marinaro, M., Sewell, G.L.: Characterisations of Phase Transitions in Ising Spin Systems 310

Martin-Löf, A.: On the Spontaneous Magnetization in the Ising Model 253

McClary, W.K.: Approximate Vacuums in $(:\phi^2{}^m:g(x))_2$ Field Theories and Perturbation Series 171

Miller, M., Steinberg, S.: Applications of Hyperdifferential Operators to Quantum Mechanics 40

Otterson, P., Zimmermann, W.: On the Directional Dependence of Composite Field Operators 107

Prugovečki, E., Manoukian, E.B.: Asymptotic Behaviour of Spin-Momentum Distribution Observables for Fermion Fields with Cut-Off Self-Coupling . . 133

Reeh, H., s. Maison, D. 67

Robinson, D.W., s. Lanford, O.E., III 193

Sewell, G.L., s. Marinaro, M. 310

Slawny, J.: On Factor Representations and the C^*-Algebra of Canonical Commutation Relations 151

Steinberg, S., s. Miller, M. 40

Strocchi, F., s. Bracci, L. 289

Tait, W., s. Macfarlane, A.J. 211

Thirring, W., s. Hertel, P. 22

Thompson, C.J.: Upper Bounds for Ising Model Correlation Functions . . . 61

Wilde, I.F.: A Remark on the Localisation of a Charged Bose Field 37

Wildermuth, K., s. Kanellopoulos, E.J., et al. 225

— s. — et al. 233

Wilson, K.G., Zimmermann, W.: Operator Product Expansions and Composite Field Operators in the General Framework of Quantum Field Theory . . 87

Zimmermann, W., s. Otterson, P. 107

— s. Wilson, K.G. 87

Indexed in Current Contents